

# MATERIAL SAFETY DATA SHEET

## Radiator Specialty Company

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**MATERIAL SAFETY DATA SHEET**

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

**U.S. DEPARTMENT OF LABOR**

Occupational Safety and Health Administration.  
(Non-Mandatory Form) Form Approved OMB No. 1218-0072

**SECTION I GENERAL INFORMATION**

PRODUCT NAME	PLUMBERS HEAT-PRUF GREASE
PARTS NUMBER	GR-1, -1V, -1X

NOTE: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

**SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

COMPONENT	WT. %	C.A.S. NO.	TLV (ACGIH <del>X</del> OSHA <del>---</del> )
Heavy Naphtenic Distillate	<75	64742-52-5	5 mg/m <sup>3</sup> (Mist)

Comments: THIS PRODUCT DOES NOT CONTAIN MORE THAN .1% OF ANY KNOWN CARCINOGEN LISTED BY NTP, IARC, OR OSHA.

Components not identified are non-hazardous according to 29 CFR 1910.1200

**SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS**

Specific Gravity (H <sub>2</sub> O = 1) <u>Approx. 1.0</u>	pH <u>6-7</u>
Solubility in Water <u>Insoluble</u>	Solubility in Solvent <u>Petroleum</u>
Flash Point (Method) - F° <u>380°F (COC)</u>	% Volatiles By Wt. <u>N/A</u>
Melting Point - F° <u>N/A</u>	Boiling Point - F° <u>&lt;500 F</u>
Vapor Pressure (mmHg) <u>N/A</u>	Vapor Density (Air = 1) <u>N/A</u>
Evaporation Rate (Butyl Acetate = 1) <u>N/A</u>	
Appearance and Odor <u>Brown grease with petroleum-like odor.</u>	

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

EXTINGUISHING MEDIA:  
Water Fog X Foam X CO<sub>2</sub> X Dry Chemical X

SPECIAL FIRE FIGHTING PROCEDURES. Wear self-contained, positive pressure breathing apparatus and protective clothes. Cool containers with water spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS

None known

**SECTION V REACTIVITY DATA**

Stable <input checked="" type="checkbox"/> Unstable <input type="checkbox"/> Corrosive <input type="checkbox"/> Hazardous Polymerization? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Incompatibilities Strong oxidizers
Hazardous Decomposition or Byproducts Fire: normal products of combustion: carbon monoxide, carbon dioxide and smoke

**SECTION VI HEALTH HAZARD INFORMATION**

<b>Recommended TLV of Product</b> 5mg/m <sup>3</sup> (Mist) Heavy Naphtenic Distillate	
EYE CONTACT Mild irritant	SKIN CONTACT Mild irritant on prolonged exposure
INHALATION Not likely (grease)	INGESTION Not likely (grease) HARMFUL IF SWALLOWED!
OTHER N/A	

**SECTION VII EMERGENCY AND FIRST AID PROCEDURES**

EYE CONTACT	Flush with water for at least 15 minutes. If adverse effects persist, consult a physician immediately.
SKIN CONTACT	Wash with soap and water. If injected under the skin (high pressure), treat as medical emergency.
INHALATION	Move to fresh air.
INGESTION	DO NOT INDUCE VOMITING! Consult a physician immediately. DO NOT ADMINISTER ADRENALIN OR EPINEPHRINE!

**SECTION VIII SPECIAL PROTECTION INFORMATION**

CONSUMER	BULK HANDLING (Prolonged Exposure)
RESPIRATORY PROTECTION N/A	None required
VENTILATION Use with adequate ventilation	Local
EYE PROTECTION N/A	Splash gloves or face shield
PROTECTIVE CLOTHING N/A	Chemical resistant gloves and apron

**SECTION IX PRECAUTIONS FOR SAFE HANDLING AND USE**

SPILL OR LEAK PROCEDURE	Observing health hazards described above, remove ignition source. Soak up with absorbent clay and transfer to waste drum.
WASTE DISPOSAL METHOD	Dispose of in accordance with all applicable government laws and regulations.
STORAGE AND HANDLING PRECAUTIONS	Store in cool place away from ignition source, oxidizing agents.
OTHER PRECAUTIONS	Keep containers closed when not in use. KEEP AWAY FROM CHILDREN AND ANIMALS!

HAZARD INFORMATION LABEL DATA	
HAZARD CODE	FLAMMABILITY
4-Extreme	3-High
2-Moderate	1-Slight
0-Negligible	
HEALTH	REACTIVITY
1	1
	SPECIAL

Supersedes November, 1990OSHA Revised April, 1992Title I. Liebman, Technical Director

While Radiator Specialty Company believes this data is accurate as of the revision date, we make no warranty with respect to the data and we expressly disclaim all liability for reliance thereon. The data is offered solely for your information, investigation, and verification.